

*Rescinded
By Cir 310-58
Mar 68*

***ORD 7-8 SNL J-191**

DEPARTMENT OF THE ARMY SUPPLY MANUAL

Group J

**Organizational, Field, and Depot Maintenance Allowances
for**

GRINDER, TOOL AND CUTTER, BENCH TYPE, 1/4 HP, 110 V, 60 C, SGLE-PH, W/ACCESSORIES (DEVERE MODEL 20) (40-G-168-85)

Department of the Army, Washington 25, D. C.

6 April 1954

Caution: This manual contains a new format and initiates a new method of allocation and issuance of parts. Read introduction carefully before requisitioning.

This manual is correct to 25 February 1954

1. General. *a.* This manual, comprised of sections I, II, and III, is a list of spare parts, equipment, and cleaning and preserving materials issued to the using organization for operation and organizational maintenance of grinder (Devere Model 20) (40-G-168-85) and estimated quantities of component parts and equipment stocked for maintenance and rebuild of the grinder.

b. Section I is a complete listing of all spare parts and equipment authorized for issue with the major combination.

c. Section II is a listing of applicable cleaning and preserving materials authorized to the organization for maintenance of the major combination and component parts and equipment authorized for maintenance and rebuild of the major combination by both field and depot maintenance units.

d. Section III is a listing of those items which are authorized for replacement by depot maintenance units only.

e. The contents of this publication are intended to serve as a guide and it is the responsibility of the local Army ordnance officer, or his equivalent, to adapt the information contained herein to the specific situation encountered.

f. The Federal stock number column lists the 11-digit Federal stock number (or the 7-digit Fed-

eral item identification number) which has been assigned by the Cataloging Division, OASD (S & L). These numbers are for information only and will not be used in connection with supply operations until such time as implementation of the Federal Cataloging Program is accomplished. These numbers should not be confused with Federal standard stock catalog numbers which are utilized by the Ordnance Corps for tools, lubricants, etc.

g. For prices of items contained herein, see the appropriate manual of the ORD 5-3 series.

h. Classification codes for items in this manual, with additional applications, if any, are listed in the ORD 5-2 and 5-5 series.

i. An explanation of reference symbols used in this manual is included under heading NOTES.

j. The major combination, grinder. (Devere Model 20) (40-G-168-85), is stored, issued, and reviewed under ORD 3 SNL J-1. This major combination is nonexpendable and recoverable.

k. All items not marked by the symbol NX in the reference symbols column are considered expendable within the definition given in SR 320-5-1.

l. For full information relative to the Ordnance section of the Department of the Army supply

*This manual supersedes ORD 8 SNL J-191, 4 July 1944, including C 1, 10 October 1946.

manual, including its purposes and uses, the procedure followed, and the principles employed in its compilation, see ORD 1. Index to Ordnance supply manuals is contained in SR 310-20-29.

2. Requisition Notes. a. If the exact item requisitioned is not furnished or if other action is necessary, the exact nature of the action taken by the supplying agency will be indicated by standard symbols on prescribed forms.

b. Requisitions for replacement of items which are the responsibility of technical services other than the Ordnance Corps will be submitted to that technical service indicated in the reference symbols column.

c. When requisitioning an item within this manual, the requisitioning agency will requisition the listed item. However, supplying agencies will take necessary action to issue the exhaust stock item until stock is exhausted, whether it be an individual item, kit, set, or assembly.

3. Quantity Incorporated in Unit. The quantity incorporated in unit column in sections II and III lists the required quantity of each listed part incorporated in the grinder. This does not include allowance quantities for spare parts shown in section I.

4. Unit of Issue. The unit of issue column lists the package quantity to be requisitioned, in multiples thereof, by using organizations and Ordnance maintenance units.

5. Allowance per Major Item or Combination. The allowance per major item or combination column lists the quantities for the items of supply that are required for the operation and first echelon maintenance of the major item or combination.

6. 2d Echelon and Field Maintenance Allowances.

a. Quantities shown in the 2d echelon and field maintenance (3d and 4th echelon) columns are the estimated requirements of that item to support 100 grinders for 15 days. To avoid excessive stock piling, a decimal fraction system is utilized. If the number of grinders supported is smaller or larger than 100, the quantity authorized for that echelon can be determined by use of a simple mathematical formula. For example, if the number of grinders supported is 17 and the replacement factor is 1.5, the following formula would be used:

$$1.5 \text{ times } 17 \text{ divided by } 100 \text{ equals } 0.255 \text{ (or } 0.26)$$

As the resulting figure is less than 0.5, that echelon would not stock that particular item. If the resulting figure is between 0.5 and 1, one of that item should be stocked. If the number of grinders supported is 120, and the replacement factor 1.5, the following formula would be used:

$$1.5 \text{ times } 120 \text{ divided by } 100 \text{ equals } 1.8$$

In this instance, that echelon should stock two of that item.

b. The quantities in the 2d echelon and field maintenance (3d and 4th echelon) columns are for initial requisition. They will be revised by the maintenance organization to conform to actual usage, which may be more or less than the quantities indicated herein.

c. Ordnance T/O & E units having supply responsibility, and installations will compute their loads considering end item density and utilizing figures in the field maintenance column of section II.

d. In order that the Ordnance Corps at large may be able to make equitable distribution of the total stock of any one item, Ordnance organization commanders should limit their requisitions and stocks to the absolute minimum requirements that are estimated to be necessary for each contemplated tactical operation. The chief Ordnance officer of a force is responsible that various Ordnance units in the force do not use the same items in computing their stocks; eg, if there is a grand total of 54 grinders in the entire force, each Ordnance unit in the force should not claim the entire 54 grinders as a basis for computing its stocks. The chief Ordnance officer must allocate, for spare-parts-stockage purposes, the number of items in the force among the various units. See supply functions of the company, FM 9-10.

7. Depot Maintenance. The depot maintenance column lists the quantities, determined by estimate or past usage, that are required to rebuild 100 grinders.

8. Plan for Maintenance. Maintenance operations to be performed in each category of maintenance are indicated by the availability of replacement parts as shown in the pertinent column.

9. Abbreviations.

ac.....	alternating current
adj.....	adjustable
al-oxide.....	aluminum oxide
amp.....	amperes
arty.....	artillery
assy.....	assembly

AWG.....	American Wire
bev.....	Gage
brkt.....	bevel
bt.....	bracket
c.....	bottle
cap.....	cycle
cntr.....	capacity
cond.....	container
conts.....	conductor
dbble.....	contacts
deg.....	double
diam.....	degree
ech.....	diameter
flex.....	echelon
gal.....	flexible
hex.....	gallon
hollow-hd.....	hexagonal
hp.....	hollow-head
hv-duty.....	horsepower
in.....	heavy duty
ins.....	inch(es)
lb.....	insulated
lg.....	pound
lt.....	long
lubr.....	light
med.....	lubricating
mfd.....	medium
mfg.....	microfarad
mfr's.....	manufacturing
MIL.....	manufacturer's
MIL-STD-CODE.....	military
	Military Standard
	Code
NEC.....	National Electric
	Code
No.....	number
OD.....	outside diameter
oz.....	ounce
qt.....	quart
qty.....	quantity
rad.....	radial
rd.....	round
reg.....	regular
ru.....	rubber
S.....	steel

sgle.....	single
sgle-ph.....	single phase
shk.....	shank
sp.....	special
sq.....	square
SR.....	single row
stght.....	straight
T.....	Teeth
univ-jt.....	universal joint
v.....	volt
wd.....	width
w/.....	with
w/o.....	without

10. Manufacturers' Symbols. The following symbols, preceding the manufacturers' part numbers, appear in this manual:

AH.....	Allow-Hart & Hegeman Electric Co
DXM.....	Devere Co, Machine Div
EMN.....	Doerr Electric Corp
FAF.....	The Fafnir Bearing Co
HBL.....	Harvey Hubbell, Inc
MLL.....	P R Mallory & Co, Inc
MRC.....	Marlin-Rockwell Corp
NC.....	New Departure Div
NH.....	Norma-Hoffmann Bearings Co
RBM.....	R B M Div
RON.....	Roan Mfg Co
SKF.....	SKF, Industries, Inc
WT.....	Whitaker Cable Corp

11. Suggestions and Recommendations. Notice of discrepancies and recommendations for additions and deletions of repair parts in ORD 7-8 Organizational Field and Depot Maintenance Allowances should be forwarded through command channels to the Chief of Ordnance, Washington 25, D. C., ATTN: ORDFM-Pub, with a statement of observed mortality, rate of replacement, and other pertinent information.

(1) FIG- URE NO.	(2) REFERENCE SYMBOLS	(3) ORDNANCE STOCK NO.	(4) FEDERAL STOCK NO.	(5) MANUFACTURER'S PART NO.	(6) ORDNANCE PART NO.	(7) DESCRIPTION	(8) UNIT FOR ISSUE	(9) ALLOW- ANCE PER MA- JOR ITEM ISSUE CLASS (3000 3000)
1	J-1- NX R	40-G-168-85			40-G-168-85	SECTION I MAJOR COMBINATION GRINDER, TOOL AND CUTTER, BENCH TYPE, 1/2 HP, 110 V, 60 C, SGLE-PH, W/ACCESSORIES (DE- VERE MODEL 20).	ea	
						COMPONENTS OF MAJOR COMBINATION The items listed below are issued as components of Grinder, tool and cutter, bench type, 1/2 hp, 110 v, 60 c, sgle-ph, w/ae- cessories (Devere Model 20) (40-G-168-85) for initial issue. Replacement grinders will be requisitioned and issued as in- dicated above. Replacements for other items will be requi- sitioned separately under their individual stock number. GRINDER, TOOL AND CUTTER, BENCH TYPE, 1/2 HP, 110 V, 60 C, SGLE-PH (DEVERE MODEL 20) W/O EQUIPMENT AND SPARE PARTS (Not to be requisitioned by using troops)	ea	1
						TOOLS AND EQUIPMENT		
1	NX	40-A-61-10		DXM-G-247	40-A-61-10	ARBOR, stub, 3/8 in. diam, 1 1/4 in. shk.	ea	1
1	NX	40-A-61		DXM-G-156	40-A-61	ARBOR, stub, 1 in. diam, 1 in. shk.	ea	1
1	NX	40-B-664-965		DXM-G-119	40-B-664-965	BOLT, brkt, T rest.	ea	2
1	NX	40-B-680	449-9103	DXM-G-205	40-B-680	BOLT, T rest clamp (short)	ea	1
1	NX	40-B-852-780		DXM-G-189	40-B-852-780	BRACKET, rod, T rest.	ea	1
1	NX	40-C-1001-750		DXM-G-190	40-C-1001-750	CLAMP, rod, T rest.	ea	1
1	NX	40-C-1001-775		DXM-G-217	40-C-1001-775	CLAMP, uni-jt, for 3/8 in. clamp bolt.	ea	1
1	NX	40-D-277-610	449-9330	DXM-G-314	40-D-277-610	DRESSER, diamond (tab), grinding wheel, 3/4 in. diam, 2 1/2 in. lg.	ea	1
1	NX	40-E-72-400		DXM-G-53	40-E-72-400	END, sq. index finger.	ea	2
1	NX R	40-F-13-660		DXM-003A	40-F-13-660	FIXTURE, centering, movable, assy.	ea	1
1	NX R	40-F-13-665		DXM-28A	40-F-13-665	FIXTURE, centering, solid, assy.	ea	1
1	NX R	40-F-13-670		DXM-21	40-F-13-670	FIXTURE, end mill grinding, assy.	ea	1
1	NX R	40-F-13-675		DXM-22	40-F-13-675	FIXTURE, OD grinding, assy.	ea	1
1	NX R	40-F-13-680		DXM-23	40-F-13-680	FIXTURE, slide, assy.	ea	1

1	NX	40-H-549-730	40-H-549-730	40-H-549-730	HOLDER, diamond (nib)	ea	1
1	NX	40-R-2442-130	40-R-2442-130	40-R-2442-130	ROD, T rest, dble bend	ea	1
1	NX	40-R-2442-135	40-R-2442-135	40-R-2442-135	ROD, T rest, right angle bend	ea	1
1	NX	40-R-2442-140	40-R-2442-140	40-R-2442-140	ROD, T rest, sight	ea	1
1	NX	35-U-2932-266	35-U-2932-266	35-U-2932-266	USEFUL ARTS, man of operating instructions and parts list for 40-G-168-85 Grinder, Devere Co Machine Div Model 20	ea	1
1		40-W-185-500	40-W-185-500	40-W-185-500	WHEEL, abrasive, grinding, al-oxide, angle face, 15 deg bev, sight, 60 grain, mod grade, vitrified bond, 3 x 1/2 x 1/2 in.	ea	2
		40-W-185-850	40-W-185-850	40-W-185-850	WHEEL, abrasive, grinding, al-oxide, cup, 1/2 in rim, 3/4 in back for S, 60 grain, mod grade, vitrified bond, 3 x 2 1/4 x 1 1/4 x 1/2 in.	ea	2
1		40-W-320-10	40-W-320-10	40-W-320-10	WHEEL, abrasive, grinding, al-oxide, sight, 60 grain, mod grade, vitrified bond, 6 x 1/2 x 1/2 in.	ea	2
1	NX	41-W-1534-250	41-W-1534-250	41-W-1534-250	WRENCH, holder shaft nut	ea	1
1	J-17	41-W-2451	41-W-2451	41-W-2451	WRENCH, set or cap screw (bollow-hd), hex, plug type, reg short arm series, 1/2 in hex, 3/16 in set screw, No. 10 and 12 cap screw.	ea	1
1	J-17	41-W-2452	41-W-2452	41-W-2452	WRENCH, set or cap screw (hollow-hd), hex, plug type, reg short arm series, 1/2 in hex, 1/4 in set screw, 1/4 in cap screw.	ea	1
1	NX	41-W-1571-150	41-W-1571-150	41-W-1571-150	WRENCH, motor pivot screw, star hand wheel	ea	1
SPARE PARTS							
None authorized							
MISCELLANEOUS MATERIAL ISSUED BY OTHER TECHNICAL SERVICES							
AG					MANUAL, supply, ORD 7-8 SNL J-191, Organizational, Field and Depot Maintenance Allowances. ¹	ea	1

For explanation of footnote, see NOTES page 12.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
FIG. NO.	REFERENCE SYMBOLS	ORDNANCE STOCK NO.	FEDERAL STOCK NO.	MANUFACTURER'S PART NO.	ORDNANCE PART NO.	DESCRIPTION	QUANTITY IN UNIT RATED IN UNIT	UNIT OF ISSUE	20 (C) (10) (15-60 per 100 major items)	FIELD MAINTENANCE 15-day level per 100 major items	DEPOT MAINTENANCE 45-day level per 100 major items
SECTION II.											
ITEMS FOR ORGANIZATIONAL, FIELD, AND DEPOT MAINTENANCE											
MAINTENANCE PARTS											
	H-12	H012-1323017		ND-77503 NH-203PP 8KF-4203ZZ	700159	BEARING, ball, MIL-STD-C O D E 111-01702-2000 (rad, SR, lt, nonloading groove, 2 shields, 0.6693 bore, 1.5748 OD, 0.4724 wd).	2	ea	---	0.2	40
		40-B-852-770 17-C-4890-20		DXM-G-336 MLL-B-97065	40-B-852-770 17-C-4890-20	BRACKET, motor ¹ . CAPACITOR, motor, 38 mfd, 110 v, 1 1/2 in. diam, 2 1/2 in. lg.	1 1	ea ea	---	0.1 0.2	5 10
1	H-4	H004-0543802		AH-4437 HBL-7184	543802	CONNECTOR, plug, 2 male conis, parallel blades, cord grip (1/2 to 3/4 in. diam cord cap), 8 covered, 15 amp, 125 v, 10 amp 250 v.	1	ea	---	0.3	0.6
1	H-5	H005-0826788		WT-619	15-C-65102	CORD (NEC Type S), flex, hard service, ru ins, 40% ru jacket, 0 to 600 v, 3 cond, stranded, cond size AWG No. 16.	15	ft	2.7	6.1	500
		17-E-1390-300		AH-42102	17-E-1390-300	ELEMENT, heating, thermal overload 4.5 amp. ¹	1	ea	---	0.2	0.4
1		40-G-190-160		DXM-G-335	40-G-190-160	GUARD, wheel, 3 in. ²	1	ea	---	---	5
1		40-G-190-165		DXM-G-334	40-G-190-165	GUARD, wheel, 6 in. ²	1	ea	---	0.1	5
1	R	17-M-3188-275		EMN-M455-E-1230	17-M-3188-275	MOTOR, ac, 1/4 hp, 110 v, 60 c, sgl-ph.	1	ea	---	0.1	3
1		17-R-3759-50		RUM-91242-25	17-R-3759-50	RELAY, motor starting ¹ .	1	ea	---	0.1	5
1		40-R-1890-10		DXM-G-350	40-R-1890-10	REST, tool, assy.	1	ea	---	0.1	5

1	17-S-20402-5	AH-28211	17-S-20402-5	17-S-20402-5	1	ea	0.1	5
	17-S-20402	RON-G-308	474-8436	17-S-20402	1	ea	0.1	5
1	40-C-383	449-0224	40-C-383	40-C-383	1	ea	0.1	10
1	40-C-397-400	449-0225	40-C-397-400	40-C-397-400	1	ea	0.1	10
1	40-B-680-150 40-B-959-800	DXM-G-55 DXM-FMG-32	40-B-680-150 40-B-959-800	BOLT, uni-jt, index. BLOCK, "V" for Brown and Sharp Mfg Co taper shk.	2 1	ea	0.2 0.1	30 10
1	40-C-1001-770 40-B-2440-60 40-S-1020-300	DXM-G-57 DXM-G-90 DXM-G-56	40-C-1001-770 40-B-2440-60 40-S-1020-300	CLAMP, uni-jt, index. ROD, index finger. SLEEVE, bolt, uni-jt.	2 2 1	ea	0.2 0.2 0.1	30 30 10
1	40-B-678-990 40-H-405-65	DXM-G-204 DXM-G-149	40-B-678-990 40-H-405-65	Fixture, End Mill Grinding, Assy (40-F-13-875)	1	ea	0.1	10
1	40-N-380-650 40-R-2442-125	DXM-G-210 DXM-G-200	40-N-380-650 40-R-2442-125	BOLT, clamp, T rest, lg. HANDLE, OD grinding fixture. NUT, knurled, brake band. ROD, T rest, anchor shaft.	1 1 1	ea	0.1 0.2 0.1	10 5
1	40-A-61-10	DXM-G-247	40-A-61-10	ARBOR, stub, 1/2 in diam, 1 1/2 in shk.	1	ea	0.1	10
1	40-A-61	DXM-G-166	40-A-61	ARBOR, stub, 1 in diam, 1 in shk.	1	ea	0.1	10
1	40-B-564-965 40-B-680	DXM-G-119 DXM-G-203	40-B-564-965 40-B-680	BOLT, brkt, T rest. BOLT, T rest clamp (short).	1 1	ea	0.2 0.1	20 10

For explanation of footnotes, see NOTES page 12

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
FIG. NO.	REFERENCE SYMBOLS	ORDNANCE STOCK NO.	FEDERAL STOCK NO.	MANUFACTURER'S PART NO.	ORDNANCE PART NO.	DESCRIPTION	QUANTITY ENTERED IN UNIT	UNIT OF ISSUE	2D CATCHON (15-day level per 100 major items)	FIELD MAINTENANCE 15-day level per 100 major items	DEPT. MAINTENANCE Guide per 100 major items (see schedule)	
						SECTION II—Continued						
						ITEMS FOR ORGANIZATIONAL, FIELD, AND DEPOT MAINTENANCE—Continued						
						EQUIPMENT—Continued						
1	NX	40-B-852-780		DXM-G-189	40-B-852-780	BRACKET, rod, T rest.	ea	ea	---	0.1	0.2	10
1	NX	40-C-1001-750		DXM-G-190	40-C-1001-750	CLAMP, rod, T rest.	ea	ea	---	0.1	0.2	10
	NX	40-C-1001-775		DXM-G-217	40-C-1001-775	CLAMP, univ-ft, for 3/4 in clamp bolt.	ea	ea	---	0.1	0.2	10
1	NX	40-D-277-610	440-9330	DXM-G-314	40-D-277-610	DRESSER, diamond (nib) grinding wheel 3/4 in diam, 2 1/2 in lg.	ea	ea	---	0.2	0.4	20
1	NX	40-E-72-400		DXM-G-93	40-E-72-400	END, sq index finger.	ea	ea	---	0.4	0.6	30
1	NX R	40-F-13-660		DXM-103A	40-F-13-660	FIXTURE, centering, movable	ea	ea	---	0.1	2	2
1	NX R	40-F-13-665		DXM-28A	40-F-13-665	FIXTURE, centering, solid	ea	ea	---	0.1	2	2
1	NX R	40-F-13-670		DXM-21	40-F-13-670	FIXTURE, end mill grinding, assy.	ea	ea	---	0.1	2	2
1	NX R	40-F-13-675		DXM-22	40-F-13-675	FIXTURE, OD grinding, assy.	ea	ea	---	0.1	2	2
1	NX R	40-F-13-680		DXM-23	40-F-13-680	FIXTURE, slide, assy.	ea	ea	---	0.1	2	5
1	NX	40-R-2442-130		DXM-G-198	40-R-2442-130	ROD, T rest, double bend.	ea	ea	---	0.1	0.2	5
1	NX	40-R-2442-135		DXM-G-199	40-R-2442-135	ROD, T rest, right angle bend.	ea	ea	---	0.1	0.2	5
1	NX	40-R-2442-140		DXM-G-197	40-R-2442-140	ROD, T rest, right angle bend.	ea	ea	---	0.1	0.2	5
1	-----	40-W-185-500	221-3734	DXM-G-267	40-W-185-500	WHEEL, abrasive, grinding, al-oxide, angle face, 15-deg bev, sight, 60 grain, med grade, vitrified bond, 6 x 3/4 x 1/2 in.	ea	ea	---	2.0	5.0	150

1	40-W-185-850	187-8074	DXM-EMG-19	40-W-185-850	WHEEL, abrasive, grinding, al-oxide, cup, $\frac{1}{2}$ in rim, $\frac{3}{4}$ in back for S 60 grain, med grade, vitrified bond, 3 x 2 $\frac{1}{2}$ x $1\frac{1}{2}$ x $\frac{1}{2}$ in.	ea	2.0	5.0	150
	40-W-330-10	187-8677	DXM-G-239	40-W-330-10	WHEEL, abrasive, grinding, al-oxide, sight, 60 grain, med grade, vitrified bond, 6 x $\frac{1}{2}$ x $\frac{1}{2}$ in.	ea	2.0	5.0	150
1	NX	41-W-1534-250	DXM-G-196	41-W-1534-250	WRENCH, holder shaft nut...	ea	0.2	0.4	30
1	J-17	41-W-2451		41-W-2451	WRENCH, set or cap screw (hollow-ld), hex, plug type, reg short arm series, $\frac{3}{8}$ in hex, $\frac{3}{8}$ in set screw, No. 10 and 12 cap screw.	ea	0.3	0.8	80
1	J-17	41-W-2452		41-W-2452	WRENCH, set or cap screw (hollow-ld), hex, plug type, reg short arm series, $\frac{3}{8}$ in hex, $\frac{3}{8}$ in set screw, $\frac{1}{2}$ in cap screw.	ea	0.3	0.8	80
1	NX	41-W-1571-150	DXM-G-124	41-W-1571-150	WRENCH, motor pivot screw, star hand wheel.	ea	0.1	0.2	40
ENG	38-3563, 175-310				APPLICABLE CLEANING AND PRESERVING MATERIALS The following items extracted from ORD 3 SNL K-1, are requisitioned as required. For usage, see TM 9-800 and TM 9-2851. BRUSH, cleaning, bristle, rd, $1\frac{1}{2}$ x 2 in brush part, 10 in long. CARBON TETRACHLORIDE, technical (O-C-141). 1-lb bd. 1-qt can. 1-gal can. CLOTH, wiping, cotton, 5-lb bag. 100-lb bale. GREASE, automotive and aryl (GAX), 4-oz cantr.	ea			
QMC	122586					ea			
QMC	122588					ea			
QMC	122589					ea			
QMC	27-C-39000-30					ea			
QMC	27-C-39000-80					ea			
QMC	14-G-022-100					ea			

For explanation of footnotes, see NOTES page 12.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
FIG. NO.	REFERENCE SYMBOLS	ORDNANCE STOCK NO.	FEDERAL STOCK NO.	MANUFACTURER'S PART NO.	ORDNANCE PART NO.	DESCRIPTION	QUANTITY MAINTAINED IN UNIT	UNIT OF ISSUE	2D ECHOLON (15-day field per 100 major items)	FIELD MAINTENANCE	DEPOT MAINTENANCE
						SECTION II—Continued				15-day level per 100 major items	100 major items
						ITEMS FOR ORGANIZATIONAL FIELD AND DEPOT MAINTENANCE—Continued				4th echelon (heavy equipment support)	100 major items (5th echelon)
						APPLICABLE CLEANING AND PRESERVING MATERIALS—Continued				(a)	(b)
						GREASE, etc.—Con.					
						1-lb cantr.		ea			
						5-lb cantr.		ea			
						OIL, engine, hv-duty (MIL-O-2104),		ea			
						SAE 10, 1-qt cantr.		ea			
						SAE 10, 5-qt cantr.		ea			
						SAE 30, 1-qt cantr.		ea			
						SAE 30, 5-qt cantr.		ea			
						OIL, lubr, preservative sp (PL-sp) (MIL-L-644A),		ea			
						2-oz (oblong screw-top can).		ea			
						14-O-2833-002					
						4-oz (oblong can w/spout).		ea			
						14-O-2833-004		ea			
						14-O-2834-10					
						SOLVENT, dry-cleaning, petroleum distillate (Standard Solvent) (Spec P-8-661a),					
						1-gal can.		gal			
						5-gal can.		gal			
						THINNER, paint, volatile, mineral spirits, FS TT-T-291, grade 1,					
						1-gal can.		ea			
						5-gal can.					
						51-S-4385-1					
						51-S-4385-5					
						52-7870, 700-700					
						52-7870, 700-705					

For explanation of footnotes, see NOTES page 12.

(1) FIG. NO.	(2) REFERENCE SYMBOLS	(3) ORDNANCE STOCK NO.	(4) FEDERAL STOCK NO.	(5) MANUFACTURER'S PART NO.	(6) ORDNANCE PART NO.	(7) DESCRIPTION	(8) QUAN- TITY IN UNIT BASED IN UNIT	(9) UNIT OF ISSUE	(10) DEPT NAME AND SYMBOL FOR ID MAJOR CLASS (20 sym- bol)
SECTION III									
ITEMS PECULIAR TO DEPOT MAINTENANCE									
MAINTENANCE PARTS									
H-12	40-B-8 H012-1306045			DXM-G-193 FAP-9109K MRC-100KR ND-3L09	40-B-8 701024	BAND, brake,----- BEARING ball, MIL-STD-CODE 111-04510-0000 (rad, SR, extra lt, non-landing groove, type 1, 1.7717 bore, 2.3928 OD, 0.6299 wd).	1 2	ea ea	30 10

For explanation of inclusions, see NOTES page 12.

NOTES

Explanation of Symbols

- H-12 SNL symbols such as H-12, J-17, K-1, etc. refer to the SNL in which the item is reviewed.
- NX Items marked by NX are not expendable within the definition of expendable supplies as given in SR 320-5-1.
- R Items marked by R are recoverable (can be repaired or reclaimed), and must be returned to the supporting ordnance unit by the using organization, normally on a direct exchange basis.
- AG The Adjutant General.
- CmlC Chemical Corps.
- ENG Corps of Engineers.
- QMC Quartermaster Corps.

Footnotes

- ¹ Additional copies, when required, to be requisitioned from The Adjutant General.
- ² Used on motor (17-M-3188-275) only.
- ³ Used on Devere grinder beginning w/serial No. 5001 only.
- ⁴ Used on Roan grinder to serial No. 5000 only.

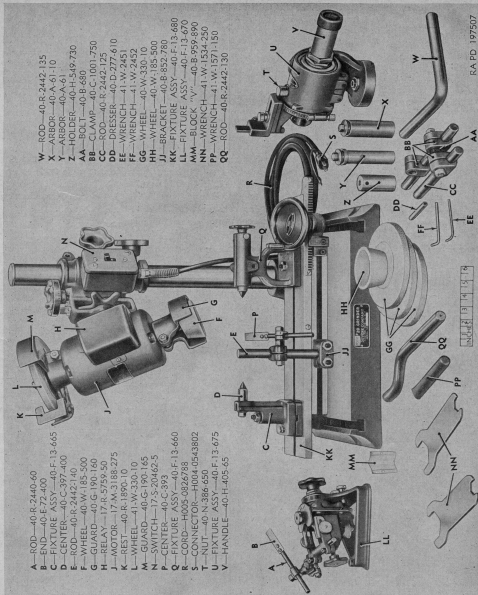


Figure 1. Grinder, tool and cutter, bench type, 1/2 hp, 110 v, 60 c, sgle-ph, accessories (Devere Model 80) (40-D-168-80).

BY ORDER OF THE SECRETARY OF THE ARMY:

M. B. RIDGWAY,
General, United States Army,
Chief of Staff.

OFFICIAL:

WM. E. BERGIN,
Major General, United States Army,
The Adjutant General.

DISTRIBUTION:

Active Army:

Tech Svc (1); Tech Svc Bd 9 (2); AFF (3); AA Comd (2); OS Maj Comd (5); Base Comd (2);
MDW (3); Log Comd (3); A (3); CHQ (2); Div (2); Regt 9 (2); Bn 9 (2); Co 9 (2) except
9-12A, 9-17A, 9-45, 9-46, 9-47, 9-49, 9-57, 9-227, 9-347A, 9-367A, 9-387 (1); FT (2); Sch (2)
except 9 (50); PMS&T 9 (1); Gen Dep (2); Dep 9 (10); POE (2); OS Sup Agencies (2);
PRGR 9 (10); Ars 9 (10) except Plants & Works (0); Proc Dist 9 (10); Mil Dist (1).

NG: Same as Active Army except one copy to each unit.

USAR: None.

For explanation of distribution formula, see SR 310-90-1.

